Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062524\
Data File : BN032254.D
Acq On : 26 Jun 2024 00:31
Operator : MA/JU
Sample : P3034-03MSD
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWBR-05-187-208-062124MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 02:55:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.631	152	7854	0.400	ng	-0.01
7) Naphthalene-d8	10.410	136	22634	0.400	ng	-0.01
13) Acenaphthene-d10	14.274	164	12604	0.400	ng	-0.01
19) Phenanthrene-d10	17.028	188	25131	0.400	ng	0.00
29) Chrysene-d12	21.229	240	23291	0.400	ng	# 0.00
35) Perylene-d12	23.452	264	26277	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.241	112	3109	0.139	ng	0.00
5) Phenol-d6	6.823	99	1920	0.066	ng	0.00
8) Nitrobenzene-d5	8.787	82	5248	0.279	ng	-0.01
11) 2-Methylnaphthalene-d10	12.005	152	12449	0.345	ng	-0.02
14) 2,4,6-Tribromophenol	15.775	330	1899	0.314	ng	-0.01
15) 2-Fluorobiphenyl	12.884	172	14694	0.307	ng	-0.02
27) Fluoranthene-d10	19.063	212	24190	0.354	ng	0.00
31) Terphenyl-d14	19.667	244	18233	0.320	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.197	88	9356	0.973	ng	98
3) n-Nitrosodimethylamine	3.508	42	972	0.106	ng	# 87
6) bis(2-Chloroethyl)ether	7.068	93	6169	0.245	ng	97
9) Naphthalene	10.453	128	17330	0.284	ng	98
10) Hexachlorobutadiene	10.731	225	3211	0.301	ng	# 99
12) 2-Methylnaphthalene	12.077	142	11329	0.272	ng	99
16) Acenaphthylene	13.985	152	16920	0.291	ng	100
17) Acenaphthene	14.338	154	10507	0.281	ng	100
18) Fluorene	15.332	166	13662	0.273	ng	99
20) 4,6-Dinitro-2-methylph...	15.450	198	663	0.300	ng	# 37
21) 4-Bromophenyl-phenylether	16.222	248	4487	0.315	ng	97
22) Hexachlorobenzene	16.333	284	5009	0.339	ng	97
23) Atrazine	16.495	200	4158	0.318	ng	# 95
24) Pentachlorophenol	16.693	266	5010	0.704	ng	98
25) Phenanthrene	17.066	178	23973	0.344	ng	100
26) Anthracene	17.165	178	21392	0.331	ng	100
28) Fluoranthene	19.096	202	30013	0.355	ng	99
30) Pyrene	19.458	202	31845	0.344	ng	100
32) Benzo(a)anthracene	21.211	228	32564	0.371	ng	100
33) Chrysene	21.265	228	31904	0.385	ng	99
34) Bis(2-ethylhexyl)phtha...	21.130	149	22920	0.383	ng	99
36) Indeno(1,2,3-cd)pyrene	25.697	276	42711	0.436	ng	99
37) Benzo(b)fluoranthene	22.779	252	35760	0.373	ng	96
38) Benzo(k)fluoranthene	22.826	252	36751m	0.406	ng	
39) Benzo(a)pyrene	23.355	252	31590	0.382	ng	93
40) Dibenzo(a,h)anthracene	25.706	278	33630	0.435	ng	99
41) Benzo(g,h,i)perylene	26.387	276	33033	0.398	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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